DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

01/13/2012

Khushbu Mehta
Assistant District Attorney, Norfolk County

Dear ADA Mehta,

Enclosed is the information you requested in regards to Commonwealth vs. ████████
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan.

2. Drug Analysis Laboratory Receipt.

3. Control Cards with analytical results for samples # ██████

4. Analysis sheets with custodial chemist's hand notations and test results.

5. GC Spectral analytical data for samples # ██████

6. GC/Mass Spectral analytical data for samples # ██████

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Peter Piro analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

<div align="center">Curriculum Vitae</div>

Annie Khan (Dookhan)

Education:
University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:
2003 – present
Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
*Oversee the Quality Control/Quality Assurance program for the Drug Lab.
*Maintenance and repairs of all analytical instruments.
*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
*Qualified as an expert witness in Massachusetts Courts and U.S. District Court.
*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
*Notary Public.

2001 – 2003
QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.
*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
*Writing, revising and reviewing Standard Operating Procedures (SOPs).
*Trained and supervised new chemists and interns for the department.
*Routine QC testing of products for the FDA.
*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
*Complete testing of chemicals for Vendor Validation Project for the FDA.
*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:
Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:
American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health

Boston Drug Laboratory	*State Laboratory Institute*	Amherst Drug Laboratory
Tel (617) 983-6622		Tel (413) 545-2601
Fax (617) 983-6625		Fax (413) 545-2608

Boston Hours

8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Hours

9:00 – 12:00
1:00 – 3:00

City or Department: _____*NORwood*_____ Police Reference No.: ██████████
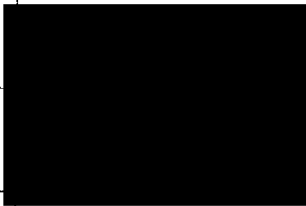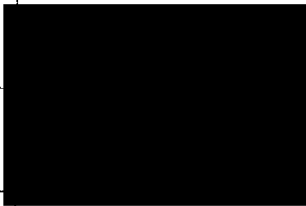
Name and Rank of Submitting Officer: _Off. Thomas Aurino_

Defendant(s) Name (last, first, initial):

███████████████████
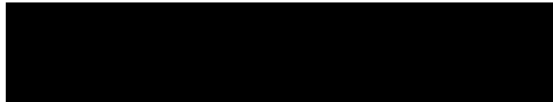
To be completed by Submitter **Description of Items Submitted**	*To be completed by Lab Personnel* **Gross Weight**	**Lab Number**
COTTON w/ Brown Powder Residue / Plastic Packaging	1.45 gm	████████
② white Capsules / Plastic Packaging	2.01 gm	

Received by: _____ Date: _5·5·11_

Folk_OIG_PRR_029881

No. ▮▮▮▮▮▮▮   Date Analyzed: 7-1-11
City: Norwood Police Dept.
Officer: P.O. ANNINO

Def: ▮▮▮▮▮▮▮
Amount: Subst: RES
No. Cont: Cont: cotton

Date Rec'd: 05/05/2011 No. Analyzed:

Gross Wt: 1.450 Net Wt:
                              #Tests: 5050
                                    ● 2.P.P. 2

Prelim: Buprenorphine Findings: Buprevorphine

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████ AGENCY Norwood ANALYST AS?

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION:

Residue in & cottonball

rinsed

Gross Wt ( ): _____

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: _____

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (-) _____

Marquis __+__

Froehde's __+__

Mecke's __—__

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

_____

Gc + _____

_____

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 6-22-11

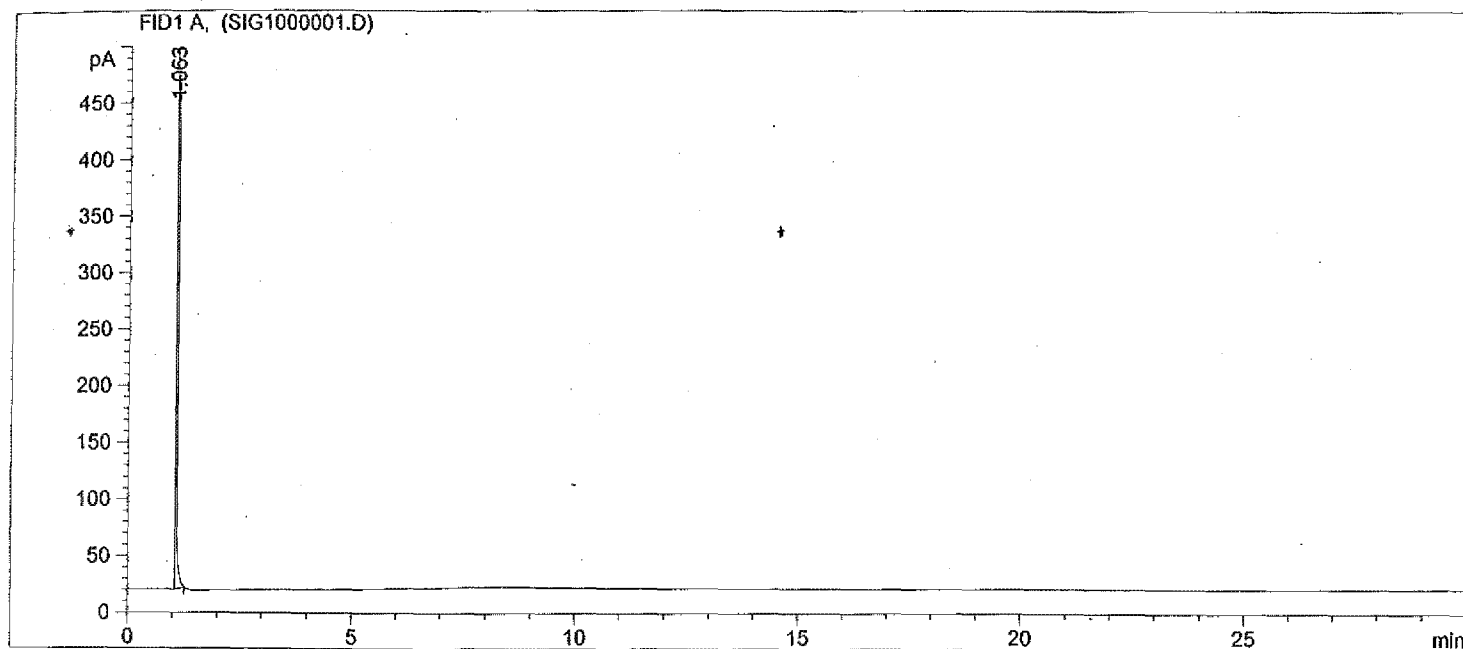### GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS
OPERATOR PJP

DATE 7-1-11

File C:\CHEM32\1\DATA\SIG1000001.D
e Name: BLANK
===
Acq. Operator   : ASD   Seq. Line :   1
Acq. Instrument : DrugLab GC #2   Location : Vial 1
Injection Date : 6/22/2011 7:15:20 AM   Inj :   1
                                             Inj Volume : 1 μl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD
===

===
                    Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   1.063 1 BB S 6.87514e4 6.57779e4 1.000e2

Totals :   6.87514e4 6.57779e4

===
                  *** End of Report ***

DrugLab GC #2 6/22/2011 7:45:20 AM ASD   Page   1 of 1

Folk_OIG_PRR_029884

```
=================================================================
     Operator    : ASD                        Seq. Line :    2
Acq.
     Instrument  : DrugLab GC #2                Location : Vial 2
Acq.
Injection Date   : 6/22/2011 7:50:07 AM              Inj :    1
                                              Inj Volume : 1 µl

Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method           : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed     : 3/9/2011 1:49:11 PM by ASD
=================================================================
```
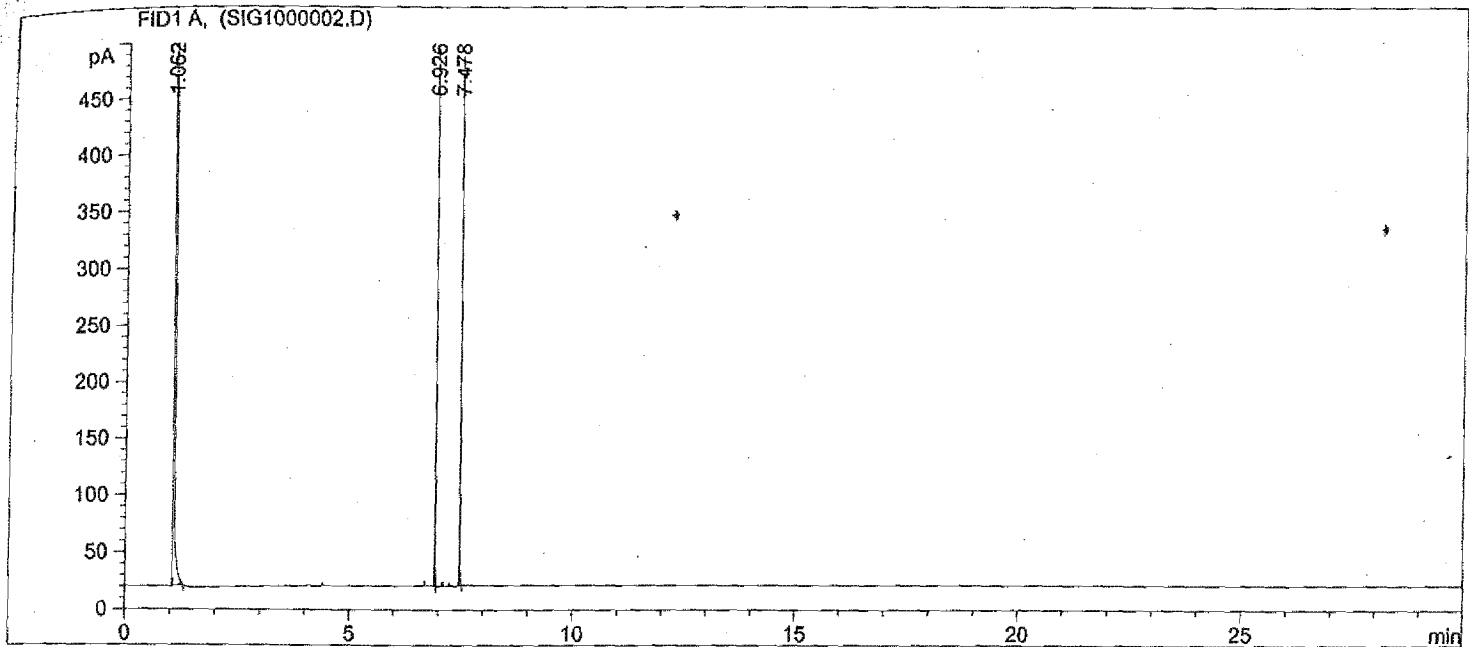


```
=================================================================
                    Area Percent Report
=================================================================

Sorted By              :        Retention Time
Multiplier:                 :        1.0000
Dilution:                   :        1.0000
Sample Amount:              :        1.00000   [ng/ul]    (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type     Area         Height       Area
  #   [min]            [pA*s]        [pA]          %
----|-------|---|----|----------|-----------|--------|
  1   1.062  1  BB S 6.81859e4   6.46761e4   98.94654
  2   6.926  1  BB    371.74820   480.34280    0.53945
  3   7.478  1  BB    354.21149   457.76462    0.51401

Totals :                6.89119e4   6.56142e4
```
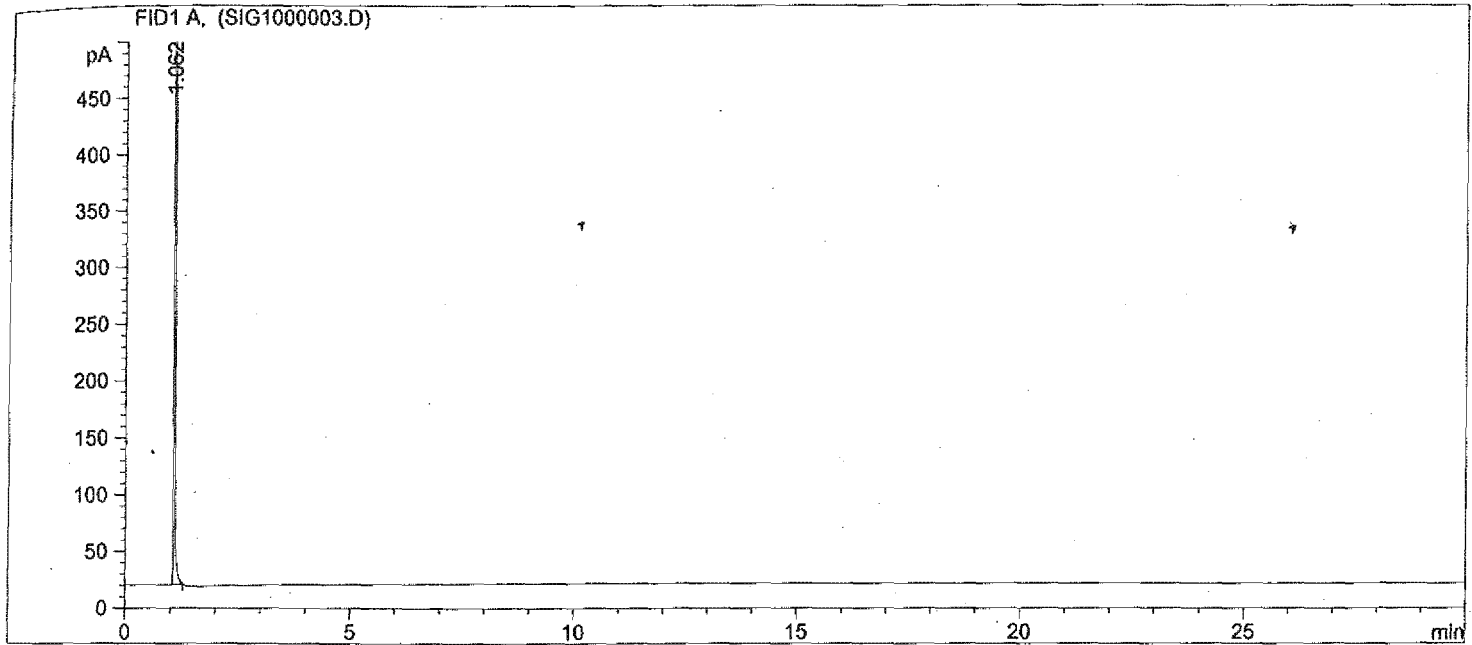
```
=================================================================
                    *** End of Report ***
```

===

Acq. Operator	: ASD	Seq. Line :	3
Acq. Instrument	: DrugLab GC #2	Location :	Vial 3
Injection Date	: 6/22/2011 8:24:55 AM	Inj :	1
		Inj Volume :	1 μl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD

===

===
                        Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000   [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	6.96852e4	6.53021e4	1.000e2

Totals :   6.96852e4   6.53021e4

===
                        *** End of Report ***
===

Folk_OIG_PRR_029886

CHEM32\1\DATA\SIG1000035.D

===

Operator   : ASD   Seq. Line : 35
Acq Instrument   : DrugLab GC #2   Location : Vial 35
Injection Date   : 6/22/2011 8:13:00 PM   Inj :   1
                                              Inj Volume : 1 µl
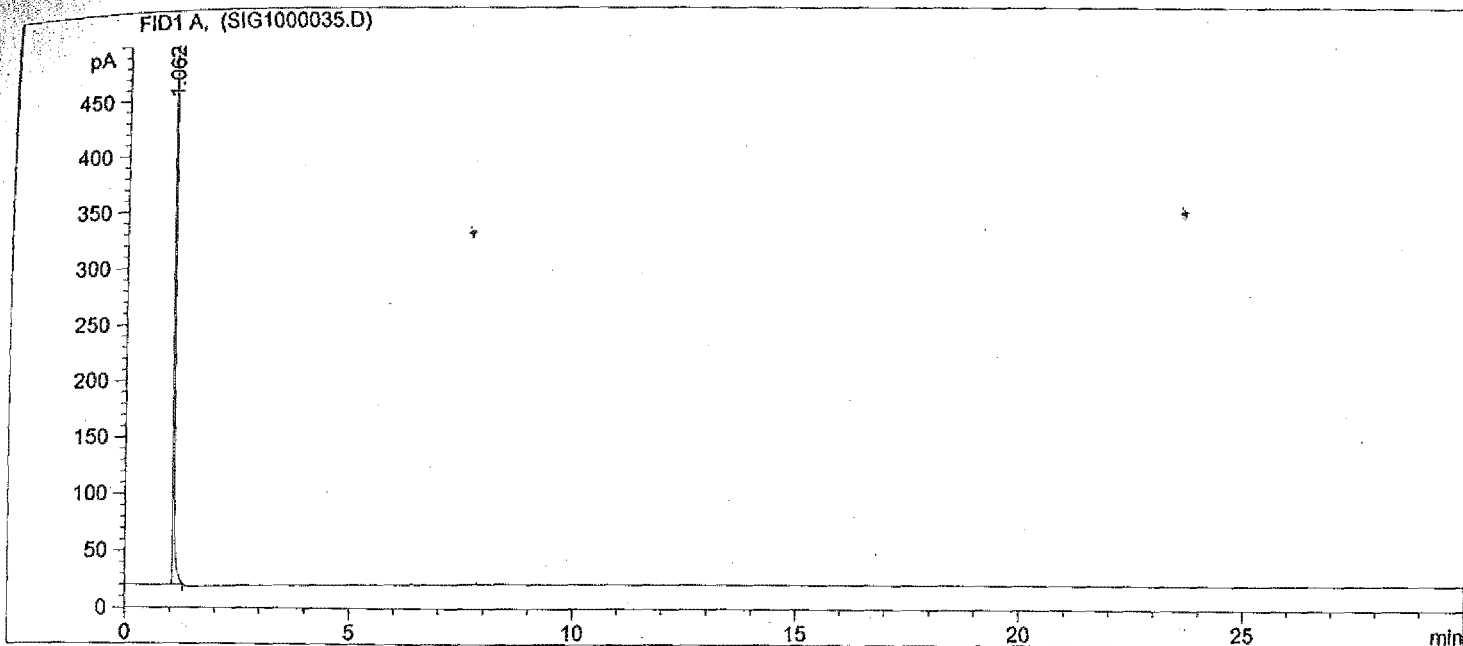
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD
===

FID1 A, (SIG1000035.D)

```
pA ┤   1.062
450┤   │
   │   │
400┤   │
   │   │
350┤   │
   │   │
300┤   │
   │   │
250┤   │
   │   │
200┤   │
   │   │
150┤   │
   │   │
100┤   │
   │   │
 50┤   │
   │   │
  0┤───┴────────────────────────────────────────────
   └─┬───────┬───────┬───────┬───────┬───────┬──────
     0       5       10      15      20      25   min
```

===
                     Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
 #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
 1   1.062   1 BB S 6.28755e4   6.41218e4 1.000e2

Totals :   6.28755e4   6.41218e4

===
                    *** End of Report ***

===

		Seq. Line : 36
Operator	: ASD	Location : Vial 36
Acq. Instrument	: DrugLab GC #2	Inj : 1
Injection Date	: 6/22/2011 8:47:52 PM	Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed : 3/9/2011 1:49:11 PM by ASD

===

===
                          Area Percent Report
===
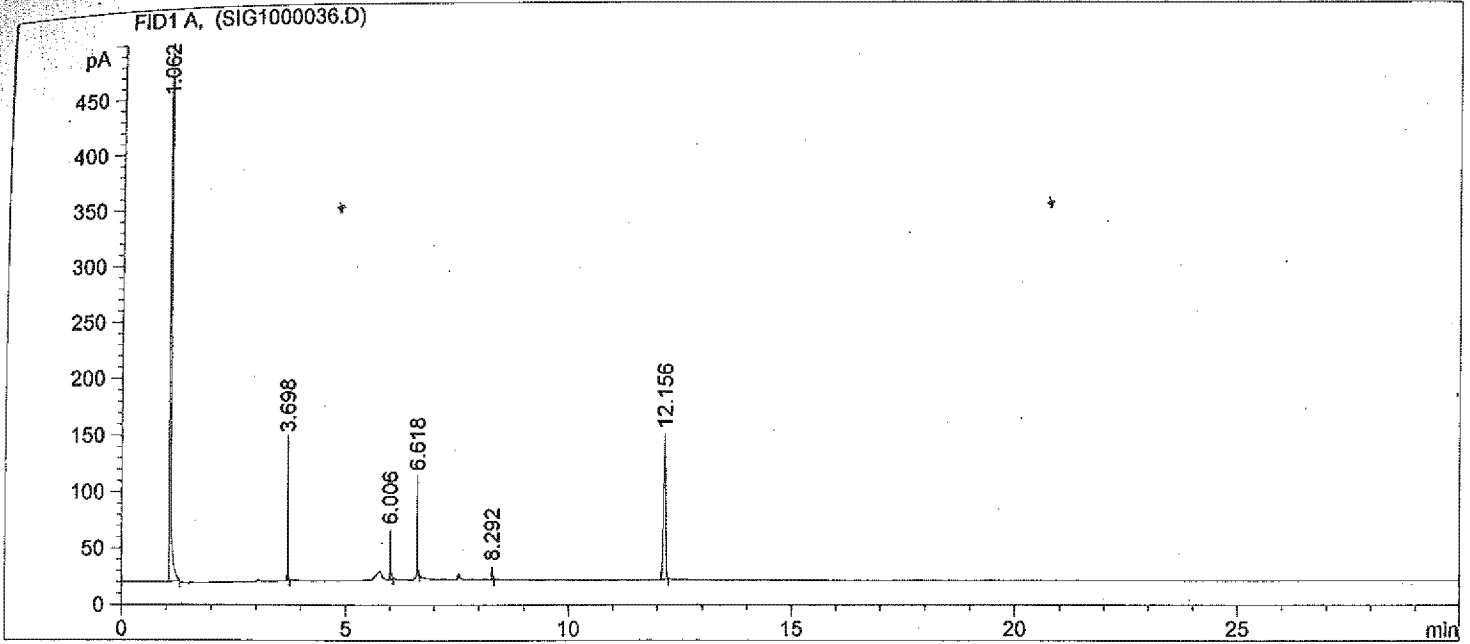
Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
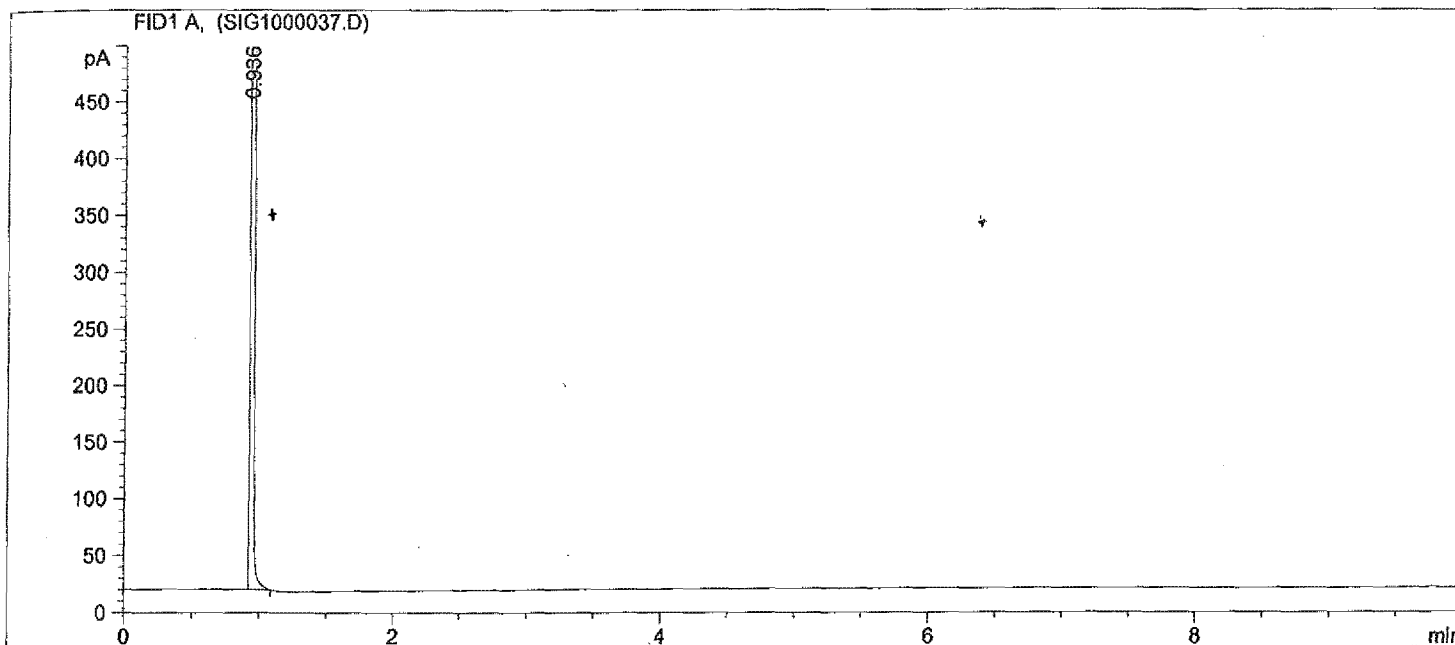Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.062	1	BB S	6.23083e4	6.36139e4	98.94593
2	3.698	1	BB	94.14355	125.68520	0.14950
3	6.006	1	BB	51.37949	44.05204	0.08159
4	6.618	1	BB	84.73139	90.31297	0.13455
5	8.292	1	BB	16.50867	11.27383	0.02622
6	12.156	1	BB	417.00861	127.91445	0.66221

Totals :   6.29721e4   6.40131e4

===
                         *** End of Report ***

DrugLab GC #2 6/22/2011 9:17:52 PM ASD   Page   1 of 1

===

Acq. Operator   : ASD   Seq. Line : 37
Acq. Instrument   : DrugLab GC #2   Location : Vial 37
Injection Date   : 6/22/2011 9:21:33 PM   Inj :   1
                                              Inj Volume : 1 μl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 7/28/2010 1:59:36 PM

===

===
                      Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   0.936 1 BB S 5.80287e4 6.52471e4 1.000e2

Totals :   5.80287e4 6.52471e4

===
                    *** End of Report ***

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794359.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   4:37
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
AcquisitionMeth: WSCREEN
Integrator   : RTE

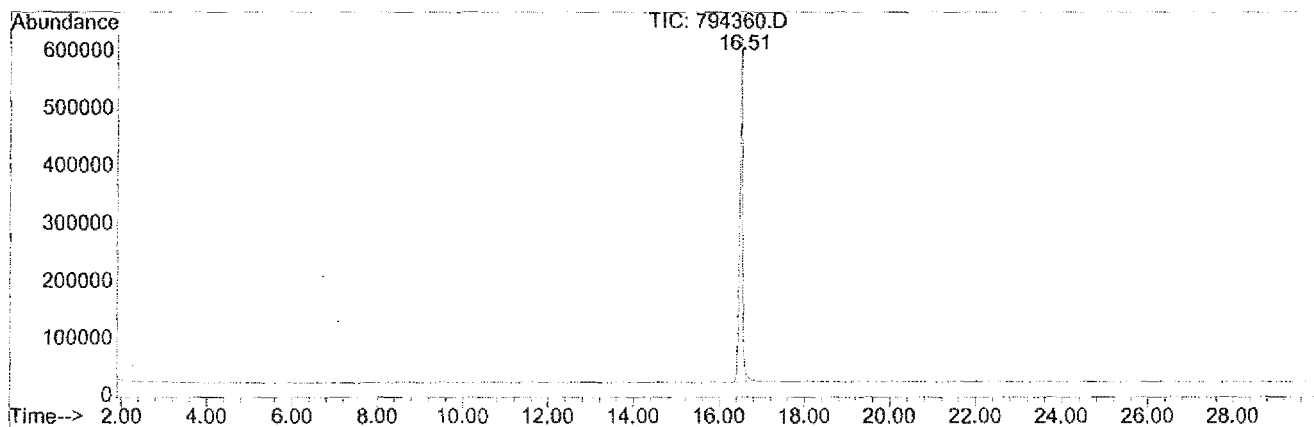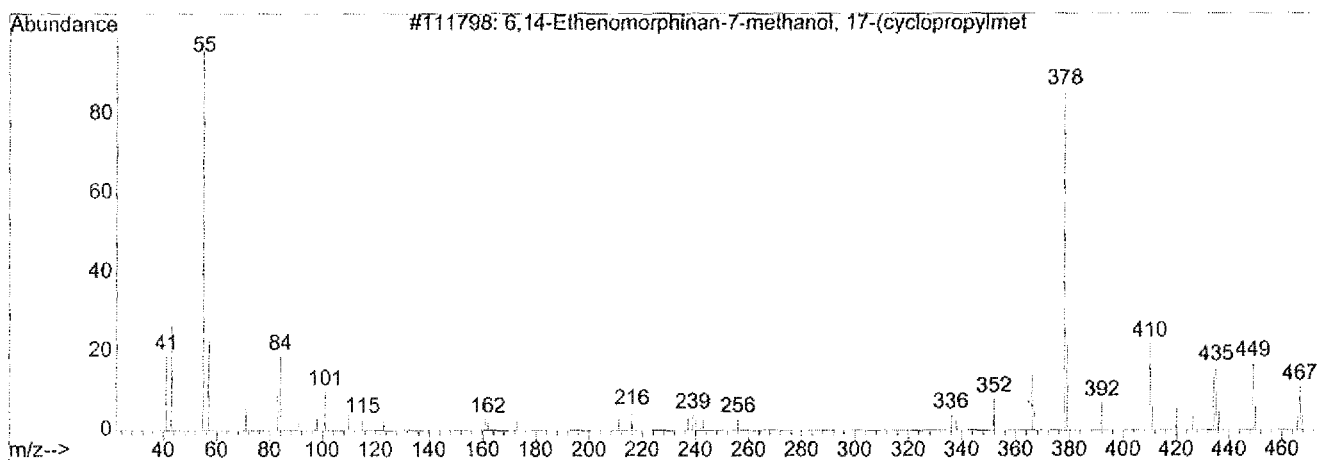

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

794359.D   Fri Jan 13 09:30:08 2012   Page 1
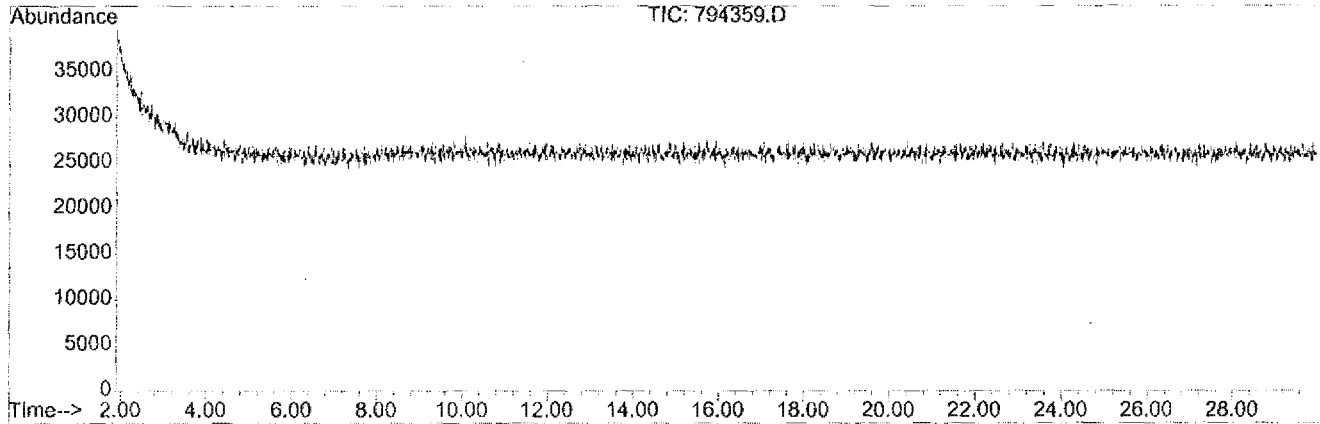
Area Percent / Library Search Report

Information from Data File:
```
File Name       : D:\SYSTEM4\06_29_11\794360.D
Operator        : P.PIRO
Date Acquired   : 30 Jun 2011    5:11
Sample Name     : BUPRENORPHINE STD
Submitted by    :
Vial Number     :  60
AcquisitionMeth : WSCREEN
Integrator      : RTE
```
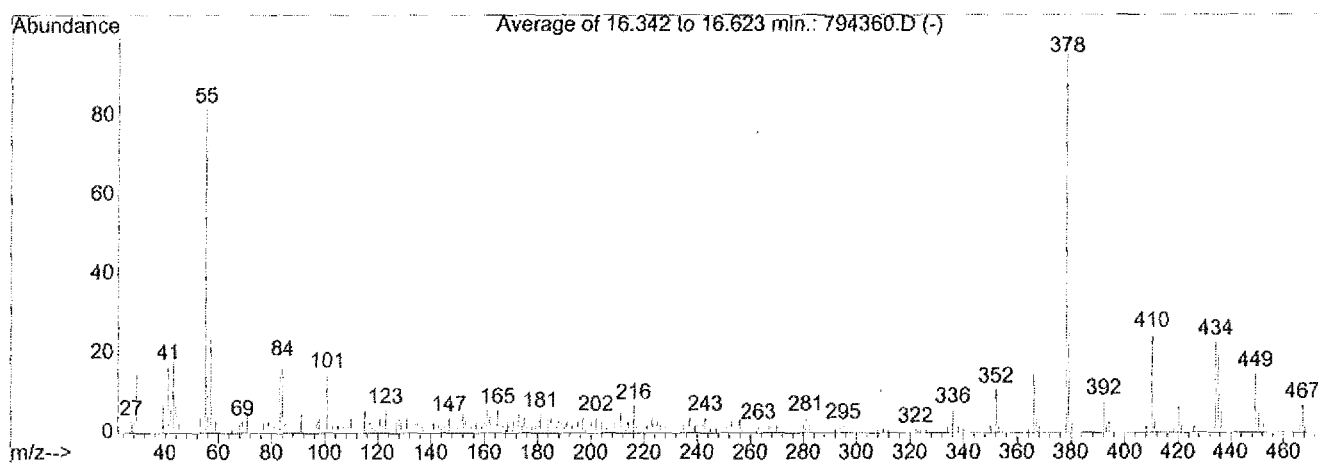

Ret. Time	Area	Area %	Ratio %
16.510	2757931	100.00	100.00

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794360.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   5:11
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 60
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	16.51	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	89
		10-Methoxycamptothecin	019685-10-0	50

Average of 16.342 to 16.623 min.: 794360.D (-)

#T11798: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmet
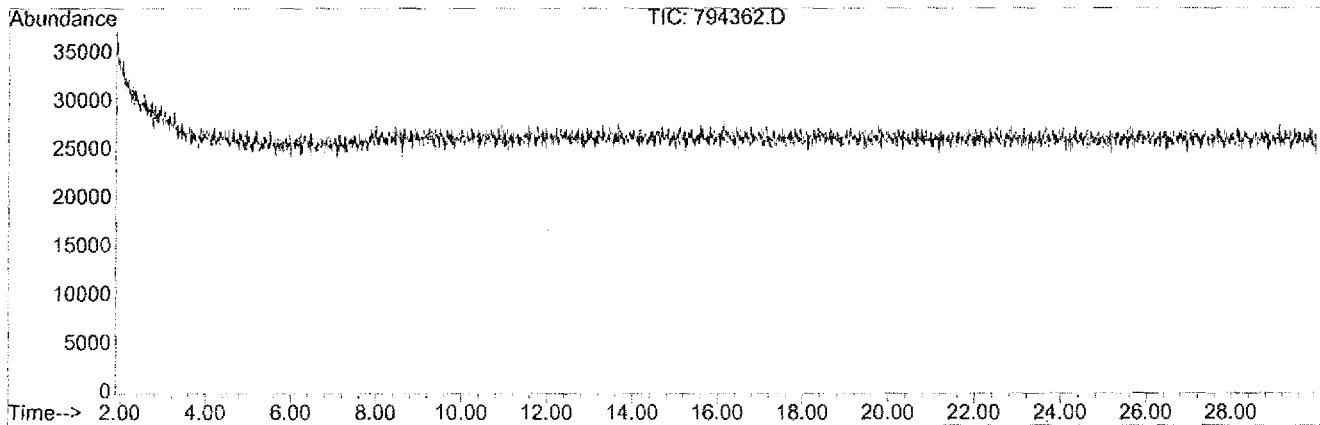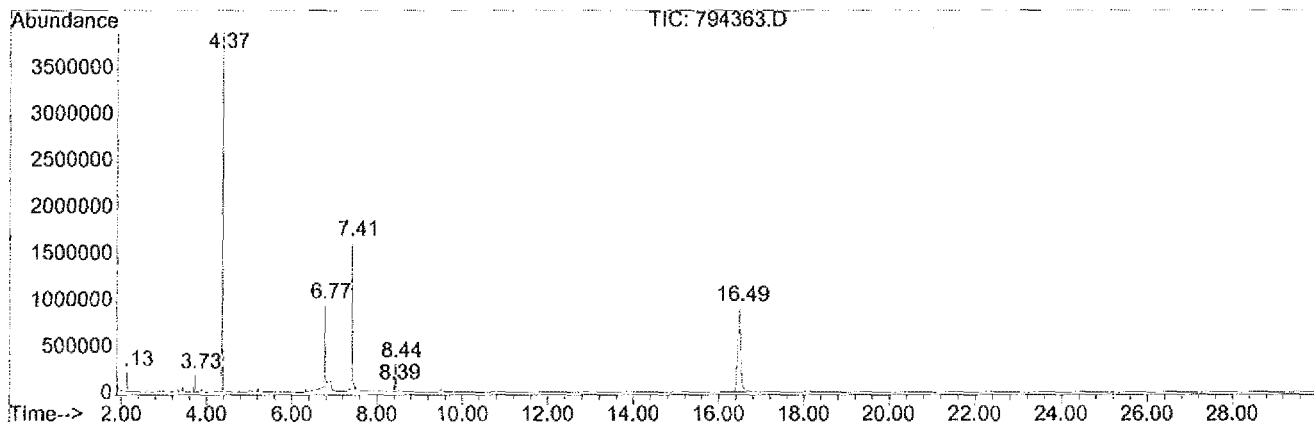
Folk_OIG_PRR_029892

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794362.D
Operator   : P.PIRO
Date Acquired   : 30 Jun 2011   6:19
Sample Name   : BLANK
Submitted by   : ASD
Vial Number   :   2
AcquisitionMeth: WSCREEN
Integrator   : RTE

Abundance   TIC: 794362.D

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

794362.D   Fri Jan 13 09:30:18 2012   Page 1
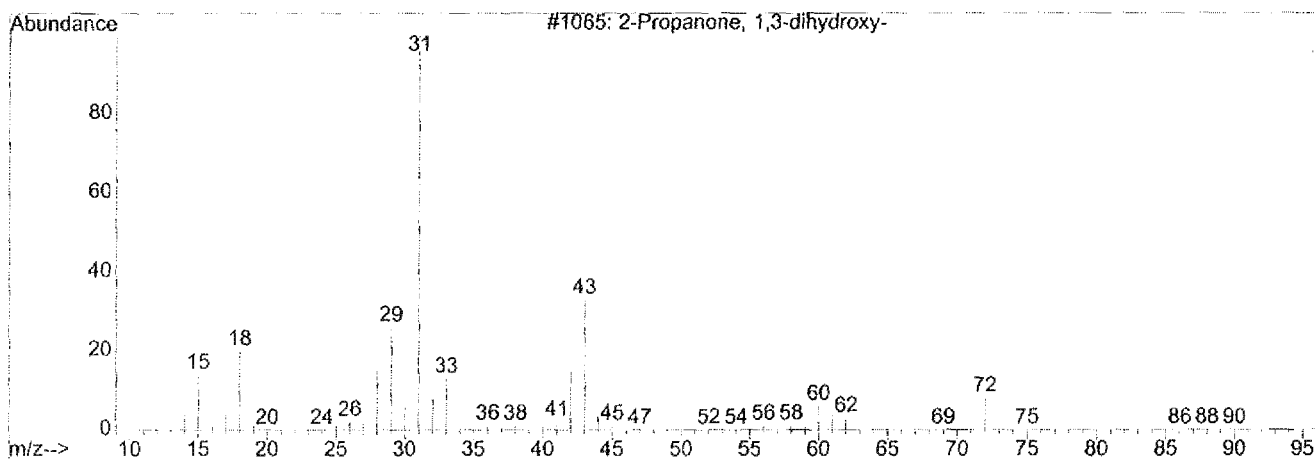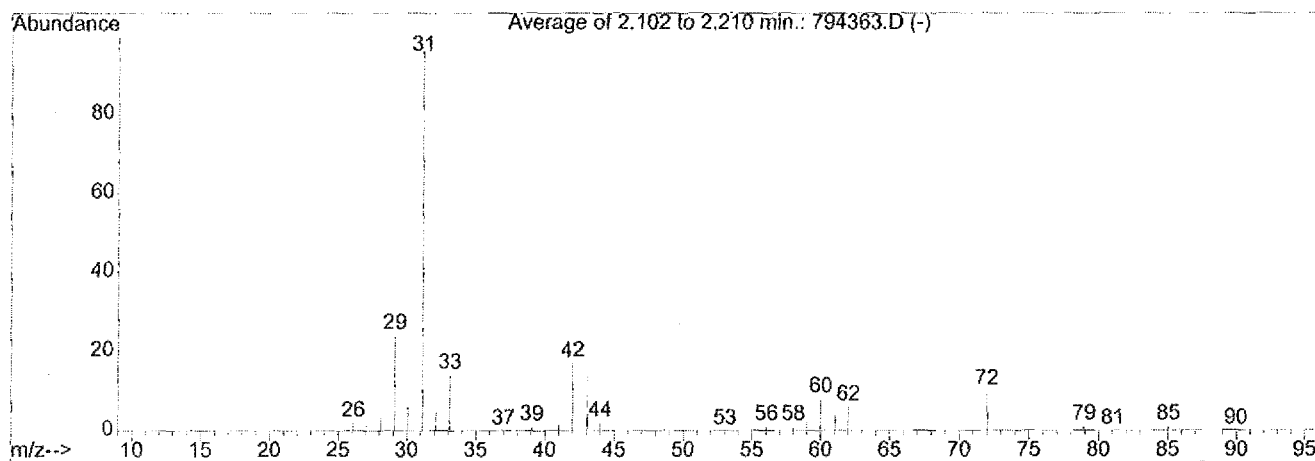
Area Percent / Library Search Report

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   6:53
Sample Name   : ███████████
Submitted by : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
2.126	370680	2.93	8.15
3.729	224185	1.77	4.93
4.369	3977441	31.43	87.40
6.768	1079811	8.53	23.73
7.408	1900415	15.02	41.76
8.389	111533	0.88	2.45
8.437	438593	3.47	9.64
16.489	4550646	35.96	100.00

794363.D   Fri Jan 13 09:30:22 2012   Page 1

Area Percent / Library Search Report
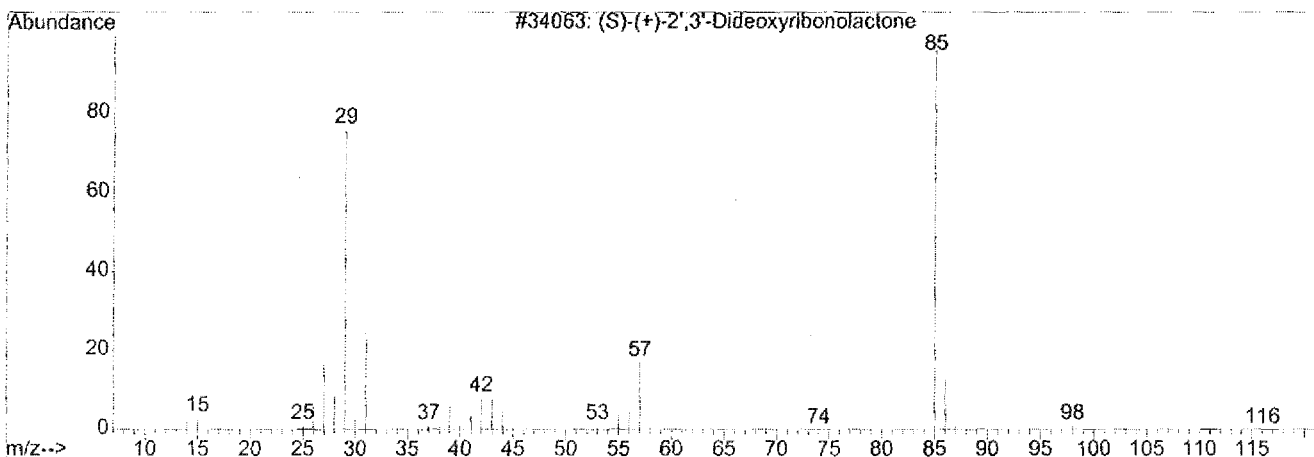

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   6:53
Sample Name   : ████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                    C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	2.13	C:\DATABASE\NIST98.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,2-Ethanediol	000107-21-1	58
		Acetaldehyde, hydroxy-	000141-46-8	42

Average of 2.102 to 2.210 min.: 794363.D (-)

#1065: 2-Propanone, 1,3-dihydroxy-

794363.D   Fri Jan 13 09:30:23 2012   Page   2

Area Percent / Library Search Report

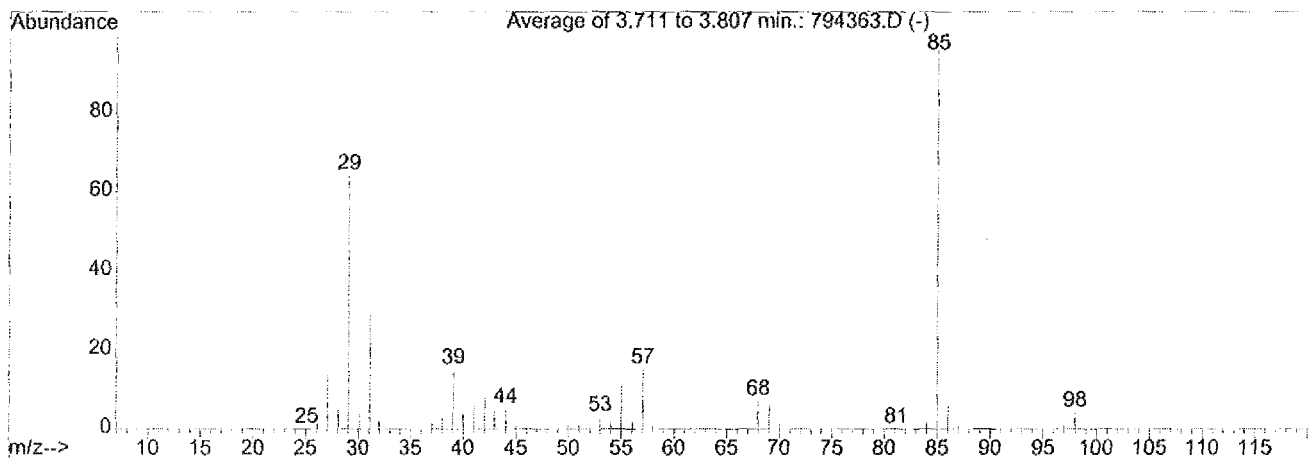---

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired   : 30 Jun 2011   6:53
Sample Name   : ████████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                    C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual

---

2   3.73   C:\DATABASE\NIST98.L
              (S)-(+)-2',3'-Dideoxyribonolactone   032780-06-6   56
              2H-Pyran-2-methanol, tetrahydro-   000100-72-1   50
              Tetrahydrofuran-5-on-2-methanol, .a   1000192-28-3   50

Average of 3.711 to 3.807 min.: 794363.D (-)

#34063: (S)-(+)-2',3'-Dideoxyribonolactone

Folk_OIG_PRR_029896

Area Percent / Library Search Report
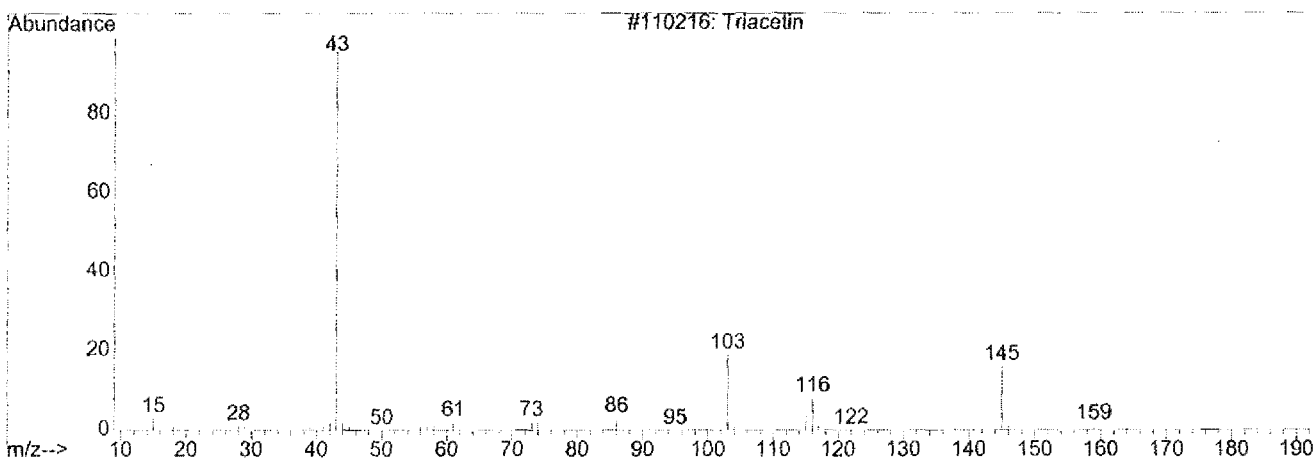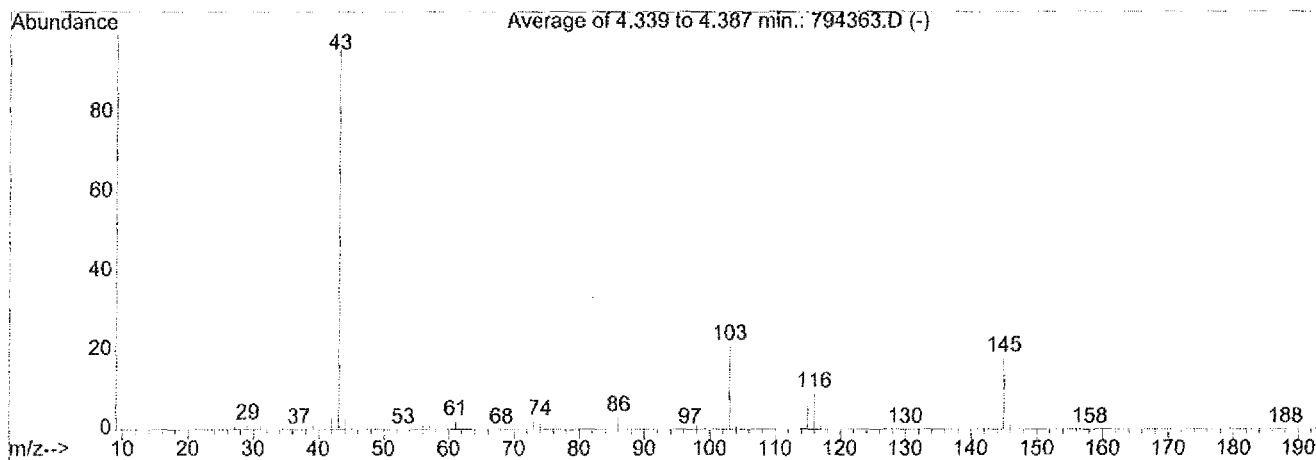

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   6:53
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
3	4.37	C:\DATABASE\NIST98.L		
		Triacetin	000102-76-1	90
		1,2,3-Propanetriol, diacetate	025395-31-7	90
		Triacetin	000102-76-1	90

Average of 4.339 to 4.387 min.: 794363.D (-)

Peaks at m/z: 43, 103, 116, 145 (Abundance vs m/z)

#110216: Triacetin

Peaks at m/z: 43, 103, 116, 145 (Abundance vs m/z)

Area Percent / Library Search Report
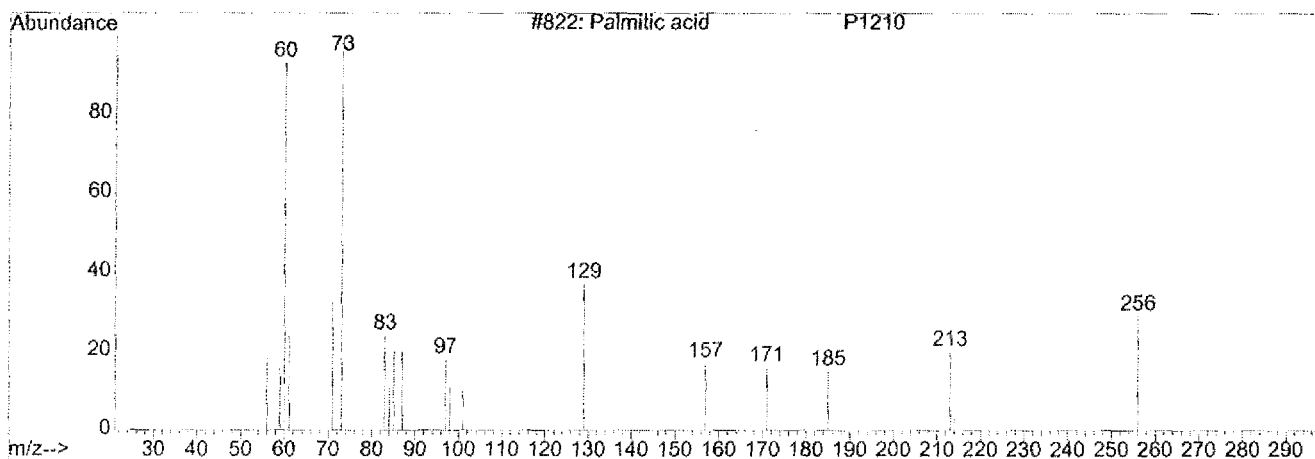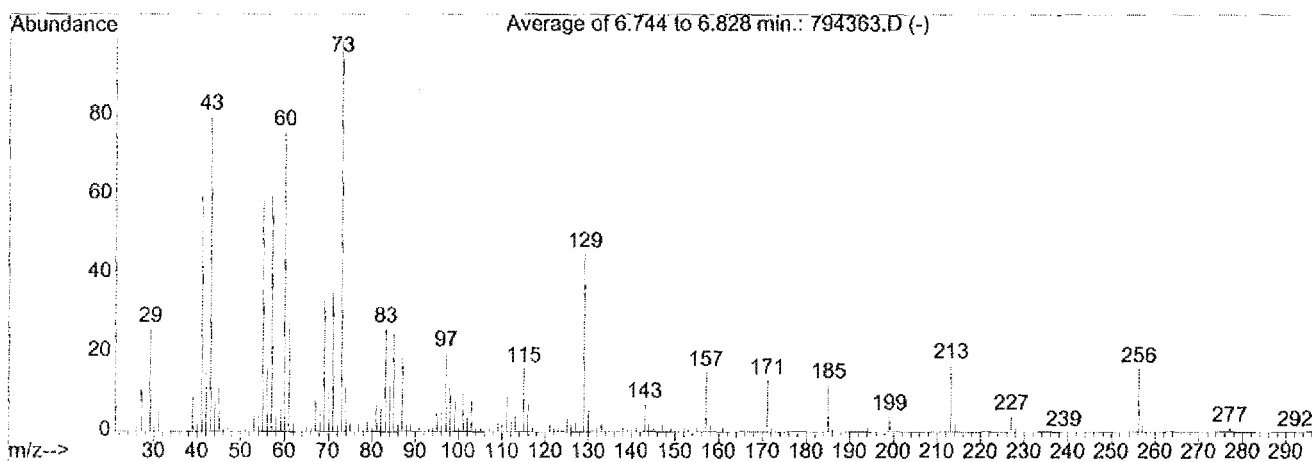
Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   6:53
Sample Name   : ████████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                    C:\DATABASE\NIST98.L

 PK#   RT   Library/ID   CAS#   Qual

  4   6.77   C:\DATABASE\PMW_TOX2.L
               Palmitic acid   000057-10-3   91
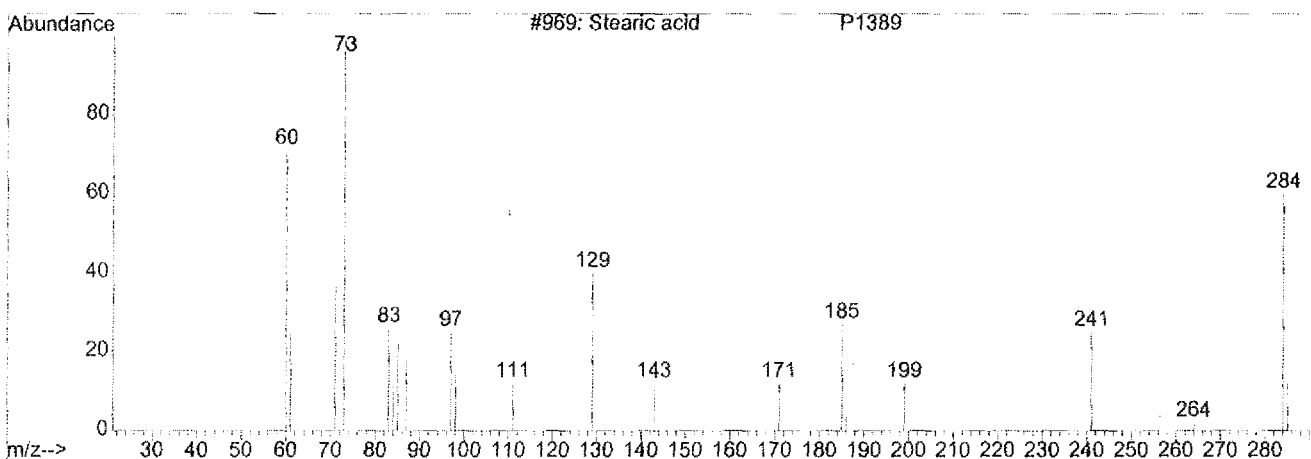   Myristic acid   000544-63-8   64
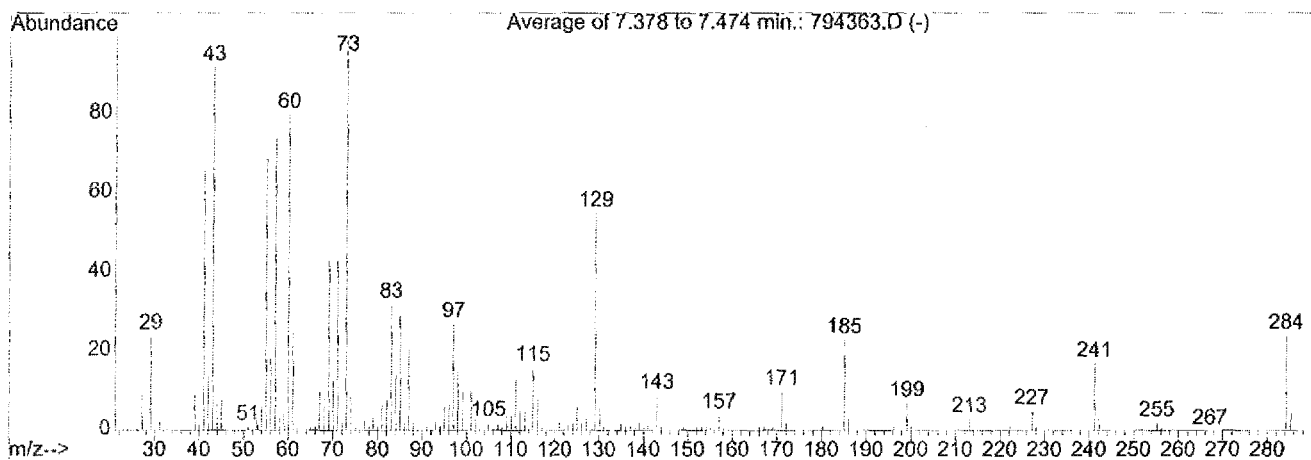   Acetic acid   000064-19-7   7

Abundance   Average of 6.744 to 6.828 min.: 794363.D (-)

Abundance   #822: Palmitic acid   P1210

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Area Percent / Library Search Report

Information from Data File:
```
File Name        : D:\SYSTEM4\06_29_11\794363.D
Operator         : P.PIRO
Date Acquired    : 30 Jun 2011    6:53
Sample Name      : ███████████
Submitted by     : ASD
Vial Number      :  63
AcquisitionMeth: WSCREEN
Integrator       : RTE
```

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                     C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                     C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
5	7.41	C:\DATABASE\PMW_TOX2.L		
		Stearic acid	000057-11-4	97
		Palmitic acid	000057-10-3	78
		Myristic acid	000544-63-8	59

Average of 7.378 to 7.474 min.: 794363.D (-)

#969: Stearic acid   P1389

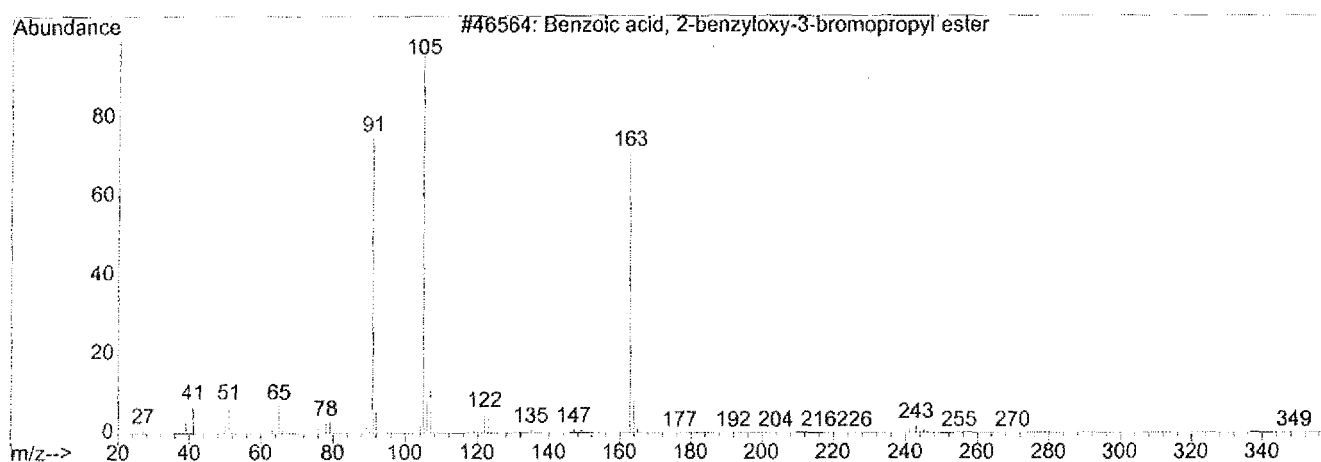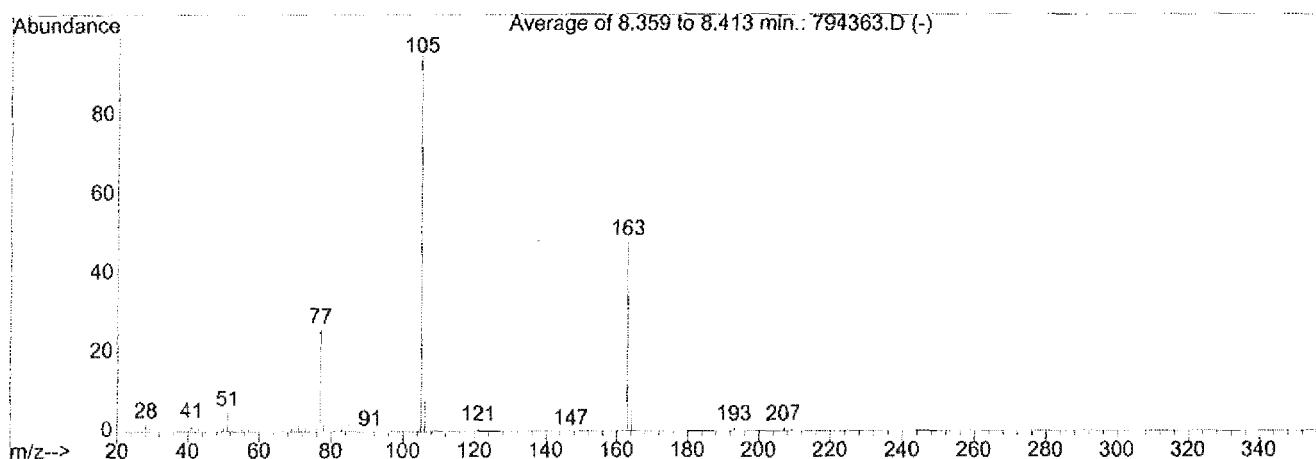794363.D   Fri Jan 13 09:30:25 2012   Page 6

Area Percent / Library Search Report

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011   6:53
Sample Name   : ██████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                    C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
6	8.39	C:\DATABASE\NIST98.L		
		Benzoic acid, 2-benzyloxy-3-bromopr	1000191-33-3	42
		Dipropyleneglycol dibenzoate	1000132-39-9	40
		1,3-Benzenediol, monobenzoate	000136-36-7	25

Abundance   Average of 8.359 to 8.413 min.: 794363.D (-)

Abundance   #46564: Benzoic acid, 2-benzyloxy-3-bromopropyl ester

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Information from Data File:
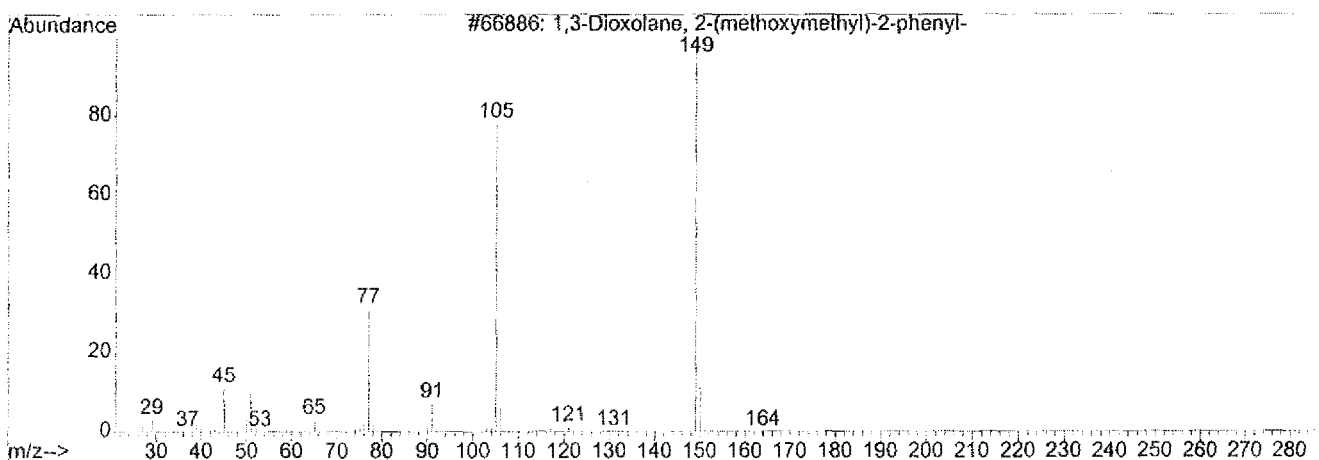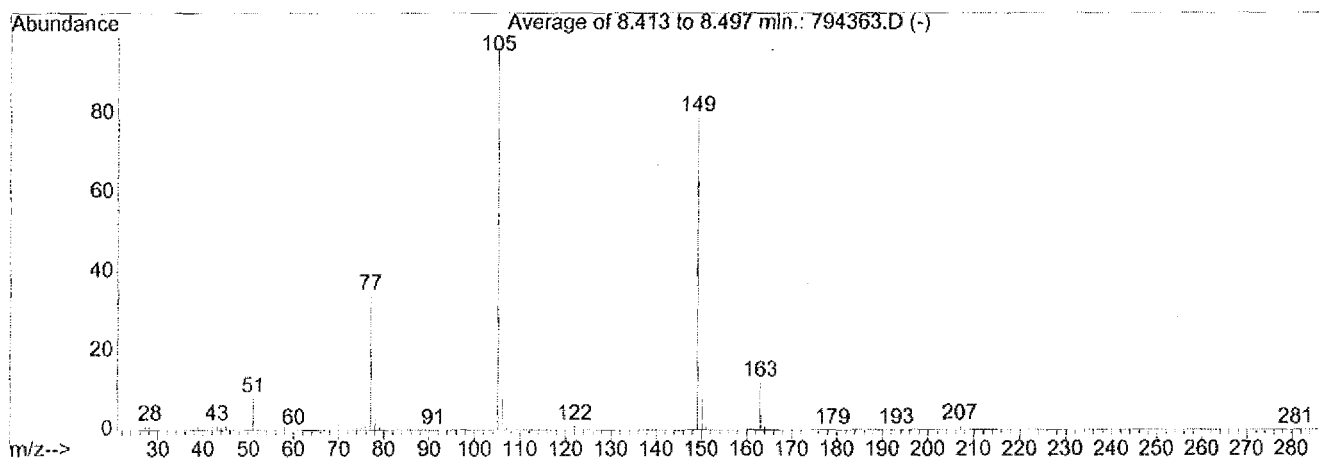File Name   : D:\SYSTEM4\06_29_11\794363.D
Operator   : P.PIRO
Date Acquired   : 30 Jun 2011   6:53
Sample Name   : █████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                    C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                    C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual

7	8.44	C:\DATABASE\NIST98.L		
		1,3-Dioxolane, 2-(methoxymethyl)-2-	1000156-71-2	78
		2-(2-Carboxyvinyl)pyridine, trans	007340-22-9	52
		Benzamide, N-propyl-	010546-70-0	27

Abundance   Average of 8.413 to 8.497 min.: 794363.D (-)
                        105
80   149

60

40   77

20   163
       28   51
          43   60   91   122   179 193 207   281
  0
m/z-->   30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Abundance   #66886: 1,3-Dioxolane, 2-(methoxymethyl)-2-phenyl-
                        149
80   105

60

40   77

20   45   91
       29 37   53   65   121 131   164
  0
m/z-->   30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

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Area Percent / Library Search Report
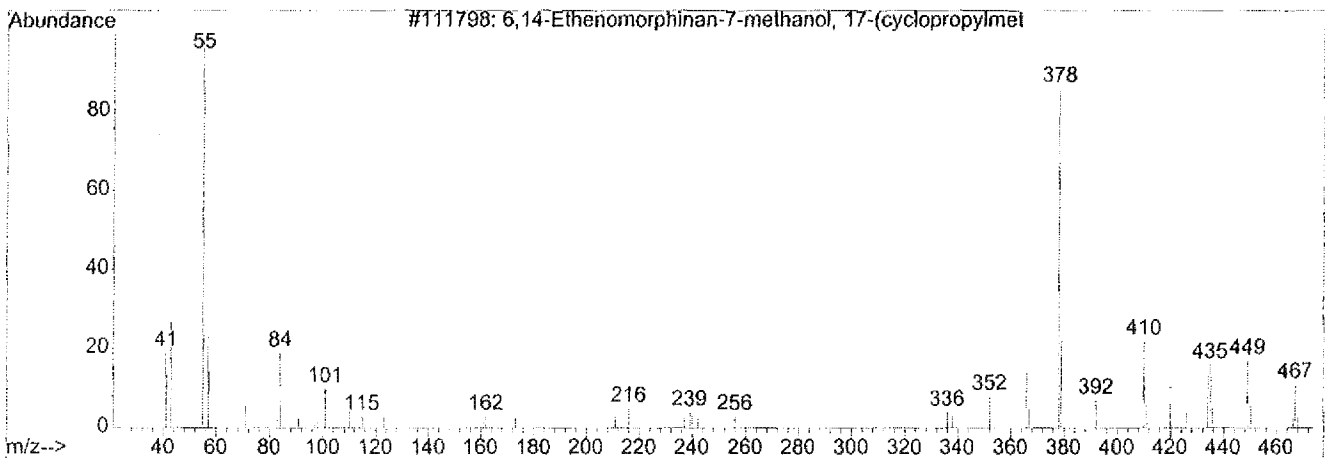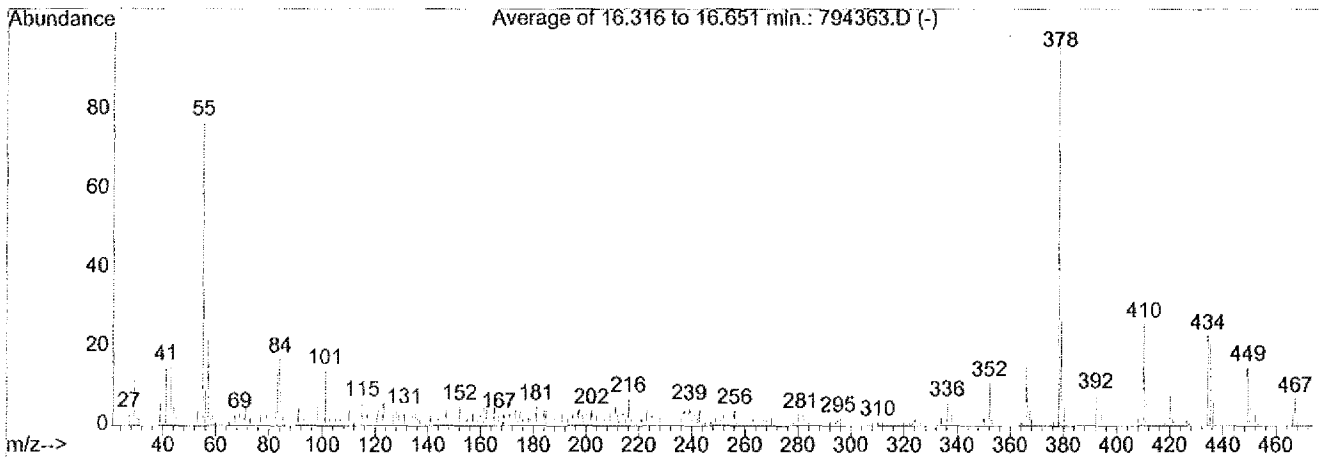
Information from Data File:
```
File Name       : D:\SYSTEM4\06_29_11\794363.D
Operator        : P.PIRO
Date Acquired   : 30 Jun 2011   6:53
Sample Name     : ███████████
Submitted by    : ASD
Vial Number     : 63
AcquisitionMeth : WSCREEN
Integrator      : RTE
```

Search Libraries:	C:\DATABASE\SLI	Minimum Quality: 90
	C:\DATABASE\PMW_TOX2.L	Minimum Quality: 90
	C:\DATABASE\NIST98.L	

PK#	RT	Library/ID	CAS#	Qual
8	16.49	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50

Average of 16.316 to 16.651 min.: 794363.D (-)

#111798: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmet

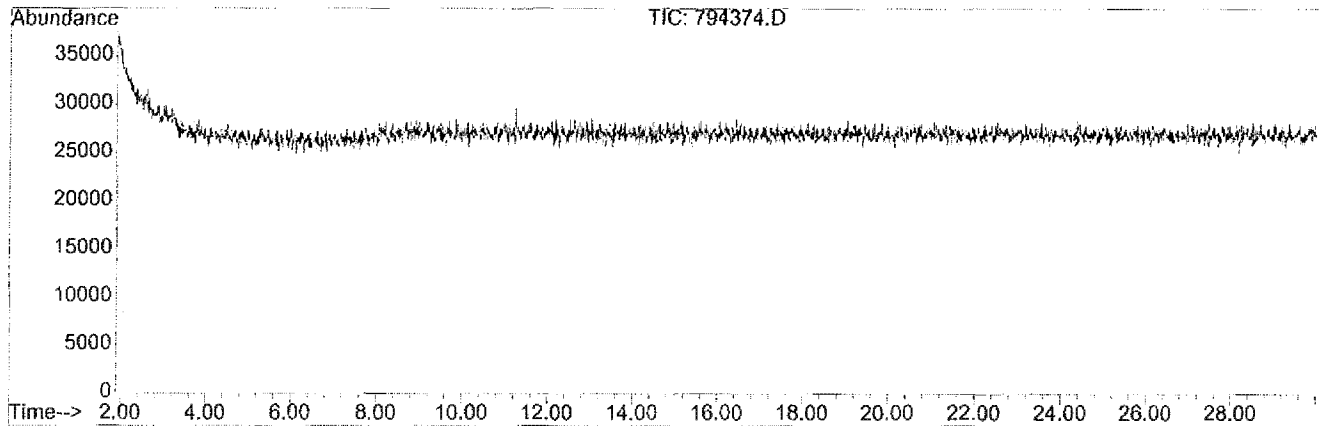794363.D   Fri Jan 13 09:30:27 2012   Page 9

Area Percent / Library Search Report

Information from Data File:
```
File Name        : D:\SYSTEM4\06_29_11\794374.D
Operator         : P.PIRO
Date Acquired    : 30 Jun 2011  13:14
Sample Name      : BLANK
Submitted by     :
Vial Number      :    2
AcquisitionMeth: WSCREEN
Integrator       : RTE
```


Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS
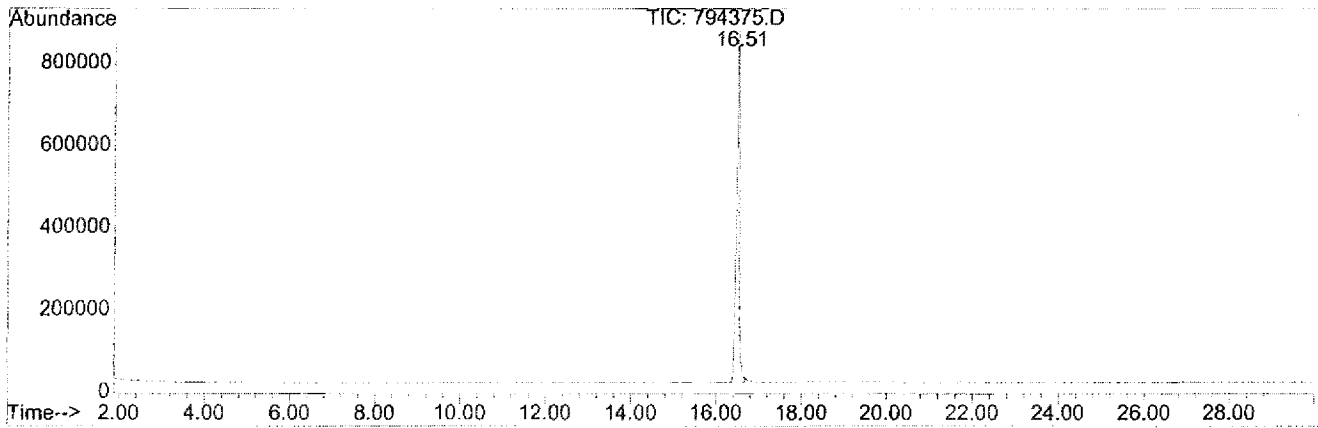
Area Percent / Library Search Report

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794375.D
Operator   : P.PIRO
Date Acquired : 30 Jun 2011 13:48
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 60
AcquisitionMeth: WSCREEN
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
16.508	4119642	100.00	100.00

Information from Data File:
File Name   : D:\SYSTEM4\06_29_11\794375.D
Operator   : P.PIRO
Date Acquired   : 30 Jun 2011 13:48
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 60
AcquisitionMeth: WSCREEN
Integrator   : RTE

Search Libraries: C:\DATABASE\SLI   Minimum Quality: 90
                     C:\DATABASE\PMW_TOX2.L   Minimum Quality: 90
                     C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	16.51	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	90
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	90
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50

Average of 16.323 to 16.664 min.: 794375.D (-)

#111798: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmet

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